



Model	A	B	C	D
LVA48-60	43 3/4	27 1/4	29 1/4	3

E	F	G	H	I
4 1/2	2	2	22	1 1/2

J	K	L	M	N
7 1/2	12 1/2	13 5/8	8 5/8	3/4

Water Connection	3/4" FIPT
Drain Connection	3/4" TUBING
FILTER	25 X 29 X 1

Model LVA	Shipping Weight (Lb)
48	245
60	250

REMOVABLE LEGS NOT SHOWN, ADD 2" HEIGHT

**PERFORMANCE DATA**

NOMINAL CAPACITY	DATA					Condensor Coil ΔP (PSI)	Water Value ΔP (PSI)	Flow USGPM
	TC	TSC	THR	KW	EER			
LVA48	47,998	39,502	63197	4.37	12.6	8.1	7.4	12.6
LVA60	60,231	49,570	79304	5.9	12.6	9.6	8.9	15.9

TC -Total Capacity (A) Cooling capacity rating test conditions: Evaporator Air - 80°F db/67°F wb  
 TSC -Total Sensible Capacity (B) Units are shipped in standard sensible format. For high sensible application, Condenser Water - 85°F EWT/95°F LWT  
 THR -Total Heat of Rejection motor speed must be changed to the high speed tap.  
 KW -Total Power Input (C) Total pressure drop for unit with regulating valve is sum of condenser coil drop and  
 EER -Energy Efficiency Ratio water regulating valve pressure drop.  
 GPM -Gallons Per Minute

**BLOWER PERFORMANCE (CFM)**

Model	FAN SPEED	Available External Static Pressure (Inches H <sub>2</sub> O including allowance for filter and wet coil)							Model
		0.10	0.20	0.30	0.40	0.50	0.60	0.70	
LVA48	HI	2250	2200	2100	2050	2000	1900	1800	HI
	LO	2110	2040	1990	1910	1820	1760	1700	LO
LVA60	HI	2250	2200	2100	2050	2000	1900	1800	HI
	LO	2110	2040	1990	1910	1820	1760	1700	LO

**ELECTRICAL DATA**

Model	Electrical Characteristics	Compressor		Blower Motor		Unit Total FLA	Min. Circuit Ampacity	Fuse Size Time Delay	Min. Wire Size
		RLA	LRA	RLA	HP				
LVA48NSU3	208/230-1-60	20.4	110	5.0	3/4	25.4	29.5	40	8
LVA48TSU3	208/230-3-60	14.0	90	5.0	3/4	19.0	19.5	30	10
LVA48RSU3	460-3-60	7.0	37	2.5	3/4	9.5	14.0	20	12
LVA48ZSU3	575-3-60	5.6	38	2.4	3/4	8.0	12.0	15	12
LVA60NSU3	208/230-1-60	28.8	165	5.0	3/4	33.8	42.7	60	6
LVA60TSU3	208/230-3-60	17.5	126	5.0	3/4	22.5	27.0	40	10
LVA60RSU3	460-3-60	8.8	55	2.5	3/4	11.3	14.0	20	14
LVA60ZSU3	575-3-60	7.0	39	2.4	3/4	9.4	14.0	20	14

**NOTES:**

Your Local Distributor		Project:
MITS AIRCONDITIONING INC.		Contractor: